

# LIST OF CONTENTS

## Volume 20, 2002

VOLUME 20, NUMBER 1

2002

### CONTENTS

#### ● ORIGINAL CONTRIBUTIONS

**Functional Magnetic Resonance Imaging of the Human Cervical Spinal Cord With Stimulation of Different Sensory Dermatomes**

P.W. Stroman, V. Krause, K.L. Malisza, U.N. Frankenstein, and B. Tomanek 1

**Characterization of BOLD-fMRI Signal During a Verbal Fluency Paradigm in Patients With Intracerebral Tumors Affecting the Frontal Lobe**

Ralf Schlösser, Stefan Hunsche, Joachim Gawehn, Peter Grunert, Goran Vucurevic, Thomas Gesierich, Bettina Kaufmann, Wolfgang Rossbach, and Peter Stoeter 7

**Improved Detection of Time Windows of Brain Responses in fMRI Using Modified Temporal Clustering Analysis**

Seong-Hwan Yee and Jia-Hong Gao 17

**MR Image-Based Measurement of Rates of Change in Volumes of Brain Structures. Part I: Method and Validation**

Deming Wang and David M. Doddrell 27

**MR Image-Based Measurement of Rates of Change in Volumes of Brain Structures. Part II: Application to a Study of Alzheimer's Disease and Normal Aging**

Deming Wang, Jonathan B. Chalk, Stephen E. Rose, Greig de Zubicaray, Gary Cowin, Graham J. Galloway, Daniel Barnes, Donna Spooner, David M. Doddrell, and James Semple 41

**Separation of Arteries and Veins Using Flow-Induced Phase Effects in Contrast-Enhanced MRA of the Lower Extremities**

Jonas Svensson, Peter Leander, Jeffrey H. Maki, Freddy Stahlberg, and Lars E. Olsson 49

**Diagnosis of Discoid Lateral Meniscus of the Knee on MR Imaging**

Nozuhiko Samoto, Masakazu Kozuma, Toshio Tokuhisa, and Kunio Kobayashi 59

<b>Estimation of Heat Transfer and Temperature Rise in Partial-Body Regions During MR Procedures: An Analytical Approach With Respect to Safety Considerations</b> Gunnar Brix, Martin Seebass, Gesine Hellwig, and Jürgen Griebel	65
<b>In Vivo Temporal EPR Imaging for Estimating the Kinetics of a Nitroxide Radical in the Renal Parenchyma and Pelvis in Rats</b> Atsushi Ueda, Hidekatsu Yokoyama, Sohji Nagase, Aki Hirayama, Akio Koyama, Hiroaki Ohya, and Hitoshi Kamada	77
<b>The Interpretation of Multi-Exponential Water Proton Transverse Relaxation in the Human and Porcine Eye Lens</b> B.A. Moffat and J.M. Pope	83
<b>Analysis of Wave Patterns in MR Elastography of Skeletal Muscle Using Coupled Harmonic Oscillator Simulations</b> Ingolf Sack, Johannes Bernarding, and Jürgen Braun	95
<b>Investigation of Insect Morphology by MRI: Assessment of Spatial and Temporal Resolution</b> Stefan Wecker, Thomas Hörschemeyer, and Mathias Hoehn	105
<b>In Vivo Proton Magnetic Resonance Spectroscopy (MRS) Study of Post Polio Residual Paralysis (PPRP) Patients</b> N.R. Jagannathan and Sanjay Wadhwa	113
<b>● TECHNICAL NOTES</b>	
<b>Fast Two-Dimensional MR Imaging By Multiple Acquisition With Micro B<sub>0</sub> Array (MAMBA)</b> K.J. Lee, M.N. Paley, I.D. Wilkinson, and P.D. Griffiths	119
<b>The Effect of Gd-DTPA on T<sub>1</sub>-Weighted Choline Signal in Human Brain Tumours</b> Philip S. Murphy, Andrzej S.K. Dzik-Jurasz, Martin O. Leach, and Ian J. Rowland	127
<b>● CASE REPORTS</b>	
<b>Proton MR Spectroscopy of Basal Ganglia in Wilson's Disease: Case Report and Review of Literature</b> Rama Jayasundar, A.K. Sahani, S. Gaikwad, S. Singh, and M. Behari	131
<b>Primary Epiploic Appendagitis: MRI Findings</b> Mustafa Şirvanci, N. Cem Balci, Kutlay Karaman, Cihan Duran, and Ercan Karakaş	137

---

VOLUME 20, NUMBER 2

2002

## CONTENTS

### ● ORIGINAL CONTRIBUTIONS

<b>Impact of Intravenous Nicotine on BOLD Signal Response to Photic Stimulation</b> Leslie K. Jacobsen, John C. Gore, Pawel Skudlarski, Cheryl M. Lacadie, Peter Jatlow, and John H. Krystal	141
---	-----

<b>Neural Network-Based Segmentation of Dynamic MR Mammographic Images</b> Robert Lucht, Stefan Delorme, and Gunnar Brix	147
<b>Making MRI Quieter</b> William A. Edelstein, Robert A. Hedeem, Richard P. Mallozzi, Sayed-Amr El-Hamamsy, Robert A. Ackermann, and Timothy J. Havens	155
<b>In Vivo MR Spectroscopy and MR Imaging on Non-Anaesthetized Marine Fish: Techniques and First Results</b> Christian Bock, Franz-Josef Sartoris, and Hans-Otto Pörtner	165
<b>Segmentation Techniques for Tissue Differentiation in MRI of Ophthalmology Using Fuzzy Clustering Algorithms</b> Miin-Shen Yang, Yu-Jen Hu, Karen Chia-Ren Lin, and Charles Chia-Lee Lin	173
<b>Vessel Contrast at Three Tesla in Time-of-Flight Magnetic Resonance Angiography of the Intracranial and Carotid Arteries</b> Osama Al-Kwafi, Derek J. Emery, and Alan H. Wilman	181
<b>Off-Resonance Correction Using an Estimated Linear Time Map</b> José Antonio Akel, Matías Rosenblitt, and Pablo Irarrazaval	189
<b>Visual Cortex Reactivity in Sedated Children Examined With Perfusion MRI (FAIR)</b> A.P. Born, E. Rostrup, M.J. Miranda, H.B.W. Larsson, and H.C. Lou	199
● <b>TECHNICAL NOTE</b>	
<b>A Simple and Fast Technique for On-Line fMRI Data Analysis</b> Stefano Salvador, Andrea Brovelli, and Renata Longo	207
● <b>CASE REPORT</b>	
<b>Atypical X-Linked Adrenoleukodystrophy: New MRI Observations With FLAIR, Magnetization Transfer Contrast, Diffusion MRI, and Proton Spectroscopy</b> R.N. Sener	215

---

VOLUME 20, NUMBER 3

2002

## CONTENTS

### ● ORIGINAL CONTRIBUTIONS

<b>MRI Measurement of Blood-Brain Barrier Permeability Following Spontaneous Reperfusion in the Starch Microsphere Model of Ischemia</b> Neil G. Harris, Victoria Gauden, Paul A. Fraser, Stephen R. Williams, and Geoff J.M. Parker	221
<b>q-Space High b Value Diffusion MRI of Hemi-Crush in Rat Spinal Cord: Evidence for Spontaneous Regeneration</b> Revital Nossin-Manor, Revital Duvdevani, and Yoram Cohen	231
<b>In Vivo Diffusion Tensor Imaging of Rat Spinal Cord at 7 T</b> Ibrahim Elshafiey, Mehmet Bilgen, Renjie He, and Ponnada A. Narayana	243
<b>Intraventricular Dispersion and Temporal Delay of Early Left Ventricular Filling After Acute Myocardial Infarction. Assessment by Magnetic Resonance Velocity Mapping</b> Kim Houlind, Anne Pauline Schroeder, Hans Stødkilde-Jørgensen, Peter K. Paulsen, Henrik Egeblad, and Erik M. Pedersen	249

<b>The Value of Single-Shot Black-Blood MR Imaging for Mapping of the Coronary Arteries: A Comparison of Four Different Orientations During Breath-Holding and Free Breathing</b>	
Agnes E. Holland, Marc R. Engelbrecht, Jelle O. Barentsz, Frans M.J. Heijstraten, and James W. Goldfarb	261
<b>In Vivo Fate of Superparamagnetic Iron Oxides During Sepsis</b>	
Hirotaada Fujii, Kohki Yoshikawa, and Lawrence J. Berliner	271
<b>In Vivo Temporal EPR Imaging of the Brain of Rats by Using Two Types of Blood-Brain Barrier-Permeable Nitroxide Radicals</b>	
Hidekatsu Yokoyama, Osamu Itoh, Masaaki Aoyama, Heitaro Obara, Hiroaki Ohya, and Hitoshi Kamada	277
<b>Equivalent Cross-Relaxation Rate Imaging in the Synthetic Copolymer Gels and Invasive Ductal Carcinomas of the Breast</b>	
Shigeru Matsushima, Akinori Takasu, Yoshihito Inai, Tadamichi Hirabayashi, Seiichi Era, Masaru Sogami, Fumio Sasaki, Hikaru Ohsaki, and Yasutomi Kinoshita	285
● <b>TECHNICAL NOTE</b>	
<b>Real Time MRI-Ultrasound Image Guided Stereotactic Prostate Biopsy</b>	
Irving Kaplan, Nicklas E. Oldenburg, Paul Meskill, Michael Blake, Paul Church, and Edward J. Holupka	295
● <b>CASE REPORT</b>	
<b>A Decidualized Endometrial Cyst in a Pregnant Woman: A Case Observed With a Steady-State Free Precession Imaging Sequence</b>	
Y.O. Tanaka, Sadahiko Shigemitsu, Michio Nagata, Masashi Shindo, Yoshikazu Okamoto, Hiroyuki Yoshikawa, and Yuji Itai	301

VOLUME 20, NUMBER 4

2002

## CONTENTS

### ● **ORIGINAL CONTRIBUTIONS**

<b>Hierarchical Clustering to Measure Connectivity in fMRI Resting-State Data</b>	
Dietmar Cordes, Vic Haughton, John D. Carew, Konstantinos Arfanakis, and Ken Maravilla	305
<b>Correlations and Dissociations Between BOLD Signal and P300 Amplitude in an Auditory Oddball Task: A Parametric Approach to Combining fMRI and ERP</b>	
Silvina G. Horovitz, Pawel Skudlarski, and John C. Gore	319
<b>Study of Pediatric Brain Development Using Magnetic Resonance Imaging of Anisotropic Diffusion</b>	
Saïd Boujraf, Robert Luyt, Wael Shabana, Linda De Meirleir, Steven Sourbron, and Michel Osteaux	327
<b>In Vivo Assessment of Blood-Spinal Cord Barrier Permeability: Serial Dynamic Contrast Enhanced MRI of Spinal Cord Injury</b>	
Mehmet Bilgen, Bulent Dogan, and Ponnada A. Narayana	337
<b>Quantification of Cerebral Metabolites in Glioma Patients With Proton MR Spectroscopy Using T2 Relaxation Time Correction</b>	
Tomonori Isobe, Akira Matsumura, Izumi Anno, Takashi Yoshizawa, Yasushi Nagatomo, Yuji Itai, and Tadao Nose	343
<b>Electrical and Thermal Behavior of Non-Ferrous Noble Metal Electrodes Exposed to MRI Fields</b>	
N.C. Bhavaraju, V. Nagaraddi, S.R. Chetlapalli, and I. Osorio	351

● **TECHNICAL NOTES**

<b>Comparison of Multi-Echo Spiral and Echo Planar Imaging in Functional MRI</b> Markus Klarhöfer, Markus Barth, and Ewald Moser	359
<b>Correction of Intensity Nonuniformity in Spin-Echo T<sub>1</sub>-Weighted Images</b> G. Collewet, A. Davenel, C. Toussaint, and S. Akoka	365

VOLUME 20, NUMBER 5	2002
---------------------	------

**CONTENTS**

● **ORIGINAL CONTRIBUTIONS**

<b>Comparative Evaluation of Magnetization Transfer MR Imaging and In-Vivo Proton MR Spectroscopy in Brain Tuberculomas</b> Rakesh K. Gupta, Mazhar Husain, Devendra K. Vatsal, Rajesh Kumar, Sanjeev Chawla, and Nuzhat Husain	375
<b>A Longitudinal Study of MR Diffusion Changes in Normal Appearing White Matter of Patients With Early Multiple Sclerosis</b> Francesca Caramia, Patrizia Pantano, Silvia Di Legge, Maria Cristina Piattella, Delia Lenzi, Andrea Paolillo, Walter Nucciarelli, Gian Luigi Lenzi, Luigi Bozzao, and Carlo Pozzilli	383
<b>Magnetic Resonance Studies of Laryngeal Tumors Implanted in Nude Mice: Effect of Treatment With Bleomycin and Electroporation</b> Sukhendu B. Dev, John B. Caban, Gurvinder S. Nanda, Susan D. Bleacher, Dietmar P. Rabussay, Timothy S. Moerland, Stephen J. Gibbs, and Bruce R. Locke	389
<b>Water Diffusion Features as Indicators of Muscle Structure <i>Ex Vivo</i></b> Jean-Marie Bonny and Jean-Pierre Renou	395
<b>MR Imaging of Fatigue Stress Injuries to Bones: Intra- and Interobserver Agreement</b> Juhani A. Ahovuo, Martti J. Kiuru, Jaakko J. Kinnunen, Ville Haapamaki, and Harri K. Pihlajamaki	401
<b>An Evaluation of Gadolinium Polyoxometalates as Possible MRI Contrast Agent</b> Jianghua Feng, Xiaojing Li, Fengkui Pei, Guoying Sun, Xu Zhang, and Maili Liu	407
<b>Numerical Calculations of the Static Magnetic Field in Three-Dimensional Multi-tissue Models of the Human Head</b> Christopher M. Collins, Bei Yang, Qing S. Yang, and Michael B. Smith	413
<b>Cerebellum Segmentation Employing Texture Properties and Knowledge Based Image Processing: Applied to Normal Adult Controls and Patients</b> N. Saeed and B. K. Puri	425
<b>Graded Image Segmentation of Brain Tissue in the Presence of Inhomogeneous Radio Frequency Fields</b> Graeme F. Mason and Douglas L. Rothman	431
<b>MRI Inter-Slice Reconstruction Using Super-Resolution</b> H. Greenspan, G. Oz, N. Kiryati, and S. Peled	437

## CONTENTS

## ● ORIGINAL CONTRIBUTIONS

- Impaired Functionality of Reperfused Brain Tissue Following Short Transient Focal Ischemia in Rats**  
Torsten Reese, Damien Bochelen, Diana Baumann, Martin Rausch, Andre Sauter, and Markus Rudin 447
- Motion Artifact Reduction Technique for Dual-Contrast FSE Imaging**  
Eugene G. Kholmovski, Alexei A. Samsonov, and Dennis L. Parker 455
- Relationship Between Apparent Diffusion Coefficient and Signal Intensity in Endometrial and Other Pelvic Cysts**  
Takao Moteki, Hiroyuki Horikoshi, and Keigo Endo 463
- Comparative Study of Fast MR Imaging: Quantitative Analysis on Image Quality and Efficiency Among Various Time Frames and Contrast Behaviors**  
Tao Li and Scott A. Mirowitz 471
- Correlation MRI/Ultrastructure in Cerebral Ischemic Lesions: Application to the Interpretation of Cortical Layered Areas**  
A. Sbarbati, A. Reggiani, E. Nicolato, R. Arban, P. Bernardi, E. Lunati, R. M. Asperio, P. Marzola, and F. Osculati 479
- Inversion Profiles of Adiabatic Inversion Pulses for Flowing Spins: The Effects on Labeling Efficiency and Labeling Accuracy in Perfusion Imaging with Pulsed Arterial Spin-Labeling**  
Wang Zhan, Hong Gu, David A. Silbersweig, Emily Stern, and Yihong Yang 487
- The Role of Dose Distribution Gradient in the Observed Ferric Ion Diffusion Time Scale in MRI-Fricke-Infused Gel Dosimetry**  
Y. J. Tseng, W. C. Chu, W. Y. Chung, Y.-H. Kao, J. Wang and Sung-Cheng Huang 495
- A Data Post-Processing Protocol for Dynamic MRI Data to Discriminate Brain Activity from Global Physiological Effects**  
R. R. Peeters and A. Van der Linden 503

## CONTENTS

## ● ORIGINAL CONTRIBUTIONS

- Diffusion Tensor MRI in Temporal Lobe Epilepsy**  
Konstantinos Arfanakis, Bruce P. Hermann, Baxter P. Rogers, John D. Carew, Michael Seidenberg, and Mary E. Meyerand 511



<b>BOLD Signal Compartmentalization Based on the Apparent Diffusion Coefficient</b> Allen W. Song, Harlan Fichtenholtz, and Marty Woldorff	521
<b>Quantification of Neurons in Alzheimer and Control Brains with <i>Ex Vivo</i> High Resolution Magic Angle Spinning Proton Magnetic Resonance Spectroscopy and Stereology</b> Leo Ling Cheng, Kathy Newell, Amy E. Mallory, Bradley T. Hyman, and R. Gilberto Gonzalez	527
<b>The Influence of Hyperoxia on Regional Cerebral Blood Flow (rCBF), Regional Cerebral Blood Volume (rCBV) and Cerebral Blood Flow Velocity in the Middle Cerebral Artery (CBFV/MCA) in Human Volunteers</b> Christian Kolbitsch, Ingo H. Lorenz, Christoph Hörmann, Martin Hinteregger, Alexander Löckinger, Patrizia L. Moser, Christian Kremser, Michael Schocke, Stephan Felber, Karl P. Pfeiffer, and Arnulf Benzer	535
<b>High-Resolution Gadolinium-Enhanced 3D MRA of the Intrapopliteal Arteries: Lessons for Improving Bolus-Chase Peripheral MRA</b> Maureen N. Hood, Vincent B. Ho, Thomas K.F. Foo, Hani B. Marcos, Sandra L. Hess, and Peter L. Choyke	543
<b>Evaluation of Endometrial Cancer with 3D-VIBE (Volume Interpolated Breath-Hold Examination) Using Intrauterine CO<sub>2</sub> Gas</b> Tomoyoshi Akaeda, Keiichi Isaka, Dai Kakizaki, Kimihiko Abe, and Masaomi Takayama	551
<b>What is the Recall Rate of Breast MRI when Used for Screening Asymptomatic Women at High Risk?</b> Ruth ML Warren, Linda Pointon, Rebecca Caines, Carmel Hayes, Deborah Thompson, Martin O. Leach, and UK MRI breast screening study (MARIBS)	557
<b>PFG NMR and Internal Magnetic Field Gradients in Plant-Based Materials</b> Nikolaus Nestle, Asal Qadan, Petrik Galvosas, Wolfgang Süss, and Jörg Kärger	567

---

VOLUME 20, NUMBER 8

2002

## CONTENTS

### ● ORIGINAL CONTRIBUTIONS

<b>On the origin of respiratory artifacts in BOLD-EPI of the human brain</b> Christian Windischberger, Herbert Langenberger, Thomas Sycha, Edda M. Tschernko, Gabriele Fuchsjäger-Mayerl, Leopold Schmetterer, and Fwald Moser	575
<b>Magnetic resonance imaging with lateralized arterial spin labeling</b> James D. Eastwood, Chad A. Holder, Patricia A. Hudgins, and Allen W. Song	583
<b>Quantitative MR renography using a calibrated internal signal (ERETIC)</b> F. Franconi, C. Chapon, L. Lemaire, V. Lehmann, L. Barantin, and S. Akoka	587

<b>An automated method for volumetric quantification of magnetization transfer of the brain</b> Gregor Jost, Stefan Hähnel, Sabine Heiland, Christoph Stippich, Matthias Erich Bellemann, and Klaus Sartor	593
<b>3-D echo planar <sup>1</sup>H MRS imaging in MS: metabolite comparison from supratentorial vs. central brain</b> D. Pelletier, S. J. Nelson, D. Grenier, Y. Lu, C. Genain, and D. E. Goodkin	599
<b>Measuring magnetic fields generated by DC currents in receive-only coils</b> James N. Lee, J. Rock Hadley, and Michael C. Steckner	607
<b>Renal malacoplakia: demonstration by MR imaging</b> Olga G. Zimina, Svetlana Rezun, Diane Armao, Larissa Braga, and Richard C. Semelka	611
<b>MR angiography of left-sided cervical aortic arch with aneurysm formation</b> Shoichi Ogawa, Yutaka Ozaki, Yukiharu Sumi, Shinsuke Kyogoku, and Tadayuki Maehara	615
<b>Proton MR spectroscopy of cerebellitis</b> Laura Guerrini, Giacomo Belli, Martino Cellerini, Patrizia Nencini, and Mario Mascalchi	619
<b>In vivo multiple spin echoes imaging of trabecular bone on a clinical 1.5 T MR scanner</b> S. Capuani, G. Hagberg, F. Fasano, I. Indovina, A. Castriota-Scanderbeg, and B. Maraviglia	623
<b>Epithelioid hemangioendothelioma of the liver: MR imaging findings</b> Polytimi Leonardou, Richard C. Semelka, Maria Mastropasqua, Masayuki Kanematsu, and John T. Woosley	631

---

VOLUME 20, NUMBER 9

2002

## CONTENTS

### ● ORIGINAL CONTRIBUTIONS

<b>Study on the variations of the apparent diffusion coefficient in areas of solid tumor in high grade gliomas</b> M. Muti, I. Aprile, M. Principi, M. Italiani, A. Guiducci, G. Giulianelli, and P. Ottaviano	635
<b>Detectability of blood oxygenation level-dependent signal changes during short breath hold duration</b> Ho-Ling Liu, Ju-Chuan Huang, Chien-Te Wu, and Yuan-Yu Hsu	643
<b>De-noising of left ventricular myocardial borders in magnetic resonance images</b> J.C. Fu, J.W. Chai, S.T.C. Wong, J.J. Deng, and J.Y. Yeh	649
<b>A correction algorithm for undersampled images using dynamic segmentation and entropy based focus criterion</b> Juan Carlos Lisboa, Marcelo Guarini, and Pablo Irarrazaval	659



<b>A self consistent normalized calibration protocol for three dimensional magnetic resonance gel dosimetry</b>	
Richard L. Cardenas, Kwan Hon Cheng, Lynn J. Verhey, Ping Xia, Lorne Davis, and Brian Cannon	667
<b>Constrained modeling for spectroscopic measurement of bi-exponential spin-lattice relaxation of water <i>in vivo</i></b>	
Jack Knight-Scott, Elana Farace, Virginia I. Simnad, Helmy M. Siragy, and Carol A. Manning	681
<b>Magnetic resonance imaging of bone marrow metastasis with fluid-fluid levels from small cell neuroendocrine carcinoma of the urinary bladder</b>	
Ralph Kickuth, Ulf Laufer, Juergen Pannek, Irenaeus Anton Adamietz, Dieter Liermann, and Stefan Adams	691

VOLUME 20, NUMBER 10

2002

## CONTENTS

### ● ORIGINAL CONTRIBUTIONS

<b>A method for determining venous contribution to BOLD contrast sensory activation</b>	
Deborah A. Hall, Miguel S. Gonçalves, Steve Smith, Peter Jezzard, Mark P. Haggard, and John Kornak	695
<b>Functional magnetic resonance imaging of tonic pain and vasopressor effects in rats</b>	
U.I. Tuor, E. McKenzie, and B. Tomanek	707
<b>Brain MRI lesion load quantification in multiple sclerosis: A comparison between automated multispectral and semi-automated thresholding computer-assisted techniques</b>	
Anat Achiron, Sebastien Gicquel, Shmuel Miron, and Meir Faibel	713
<b>Precise estimate of fundamental <i>in-vivo</i> MT parameters in human brain in clinically feasible times</b>	
A. Ramani, C. Dalton, D.H. Miller, P.S. Tofts, and G.J. Barker	721
<b>T<sub>2</sub> relaxation time histograms in multiple sclerosis</b>	
D. Grenier, D. Pelletier, M. Normandeau, D. Newitt, S. Nelson, D.E. Goodkin, and S. Majumdar	733
<b>Truncation artifact reduction in spectroscopic imaging using a dual-density spiral k-space trajectory</b>	
Shantanu Sarkar, Keith Heberlein, and Xiaoping Hu	743
<b>Three-dimensional numerical simulations of susceptibility-induced magnetic field inhomogeneities in the human head</b>	
Trong-Kha Truong, Bradley D. Clymer, Donald W. Chakeres, and Petra Schmalbrock	759
<b>Detection of late epilepsy by the texture analysis of MR brain images in the lithium-pilocarpine rat model</b>	
O. Yu, C. Roch, I.J. Namer, J. Chambron, and Y. Mauss	771
<b>Proton magnetic resonance spectroscopy of the kidney in renal stone disease</b>	
Eimorn Mairiang, Petcharakorn Hanpanich, and Pote Sriboonlue	888
<b>MRI fast tree log scanning with helical undersampled projection acquisitions</b>	
Ignacio Contreras, Andres Guesalga, M. Paulina Fernandez, Marcelo Guarini, and Pablo Irarrazaval	781



